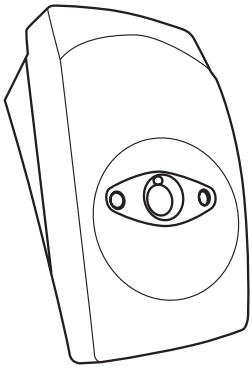
Standalone Surveillance Camera

Quick Start Guide

5480DSAC



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The Clipsal Digilant 5480DSAC is a state of the art, low power, digital surveillance camera that captures high-resolution colour images when motion is detected within its field of view. The images are stored on a removable memory card for easy viewing on a computer or PDA. The camera can also be triggered via an external source such as a window, door, or cash register opening. Alternatively, images can be captured on a time-lapse basis. Depending on the selected resolution and memory card size, the camera can store up to 65,000 images.

The Digilant can function both as a Security Camera and Standalone Surveillance Camera. When used as a standalone unit, the camera can be powered by either an internal high capacity (HC) battery for up to six weeks, an internal backup battery for up to one week, or an external mains plug pack.

A remote control can be used to arm and disarm the camera as well capture an instant image.

The Digilant is ideal for monitoring “trusted” environments such as storerooms, dispatch areas, management offices, and cash registers.

It can also be used as a security camera for detecting intruders in the home, office or retail shop, by connecting it to existing alarm systems.

Camera and Optional Accessories

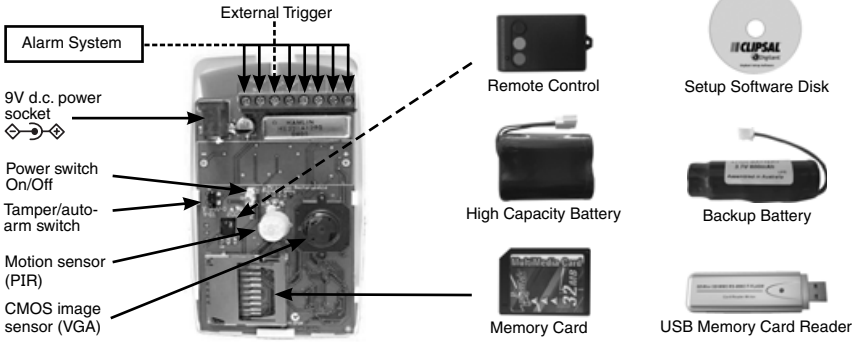


Figure 1

Getting Started

Installing the Software

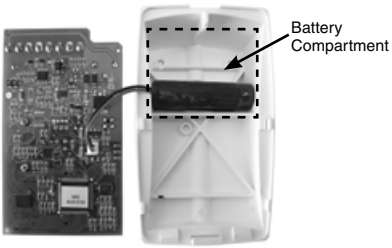
Insert the CD into your computer. If the installation program does not automatically begin, run setup.exe from the CD. A shortcut to the Digilant Setup software will be created on your Desktop and under the 'Programs/Digilant' directory in your Start Menu. A complete user manual can be found on the CD under the User Manuals directory.

Alternatively, the camera can be configured by a PDA with the optional Digilant PPC setup software.

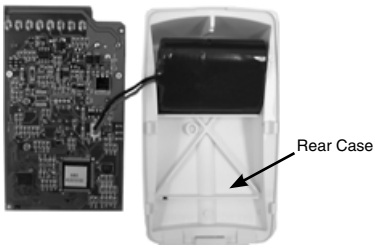
Installing the camera

1. Unpack the camera and remove the front casing of the camera by holding the rear case and lifting the attachment clip located at the top.
2. Ensure that the YELLOW power switch is set to off (switch down)
3. The camera is for indoor use only. Choose a suitable mounting location that has a good view of the area that will be monitored. To achieve the best image quality, ensure the area is well lit and any ambient light (i.e. windows) is behind the camera.
4. Remove the circuit board from the rear case by gently spreading the side clips and lifting the top of the board.
5. Feed the power cord through the wiring inlet in the rear panel housing. For security system installation, feed the wires through the wiring inlet and see figure 4 for wiring diagrams.
6. Attach the rear case to a wall using either the flush mounting screw indents or bevelled edge mounting screw indents.
7. Insert the backup battery pack (Standalone version only) into the lower end of the battery compartment of the rear case ensuring it is held in firmly. Connect the battery cable to the connector on the rear of the circuit board.
8. Connect power to the circuit board.
9. Replace the circuit board into the rear case by sliding the bottom of the circuit board in first. Slide one side of the circuit board under one of the side latches, then gently push down on the other side.
10. Insert the memory card into the camera, position the camera to capture an image and turn on the power switch. The status LED will stay orange for 5 seconds while the camera configures itself and captures a test image. The image is called STARTUP.JPG and is stored on the root directory of the memory card.
11. To view this image, remove the memory card, insert it into the USB memory card reader and open STARTUP.JPG with the camera viewer or any JPEG enabled viewer.
12. Configure the camera (see next page), re-insert the memory card and replace the front cover.

Battery Configurations



Camera with Backup Battery



Camera with High Capacity Battery

Figure 2

Configuring the camera

1. Remove the memory card from the camera and insert it into the memory card reader on your computer or PDA.
2. Run the configuration software by double clicking the Digilant Setup icon on your desktop.
3. Select the **Configuration** option and press the **Continue** button.
4. Locate the SETTINGS.TXT file on the memory card (eg Removable disk E:) and click **Open**.
5. Choose your desired settings and be sure to set the time and date if you have not done so since powering up.
6. Click **Save** and exit the program.
7. Remove the memory card from the memory card reader and insert it into the camera. The status LED will stay orange for approximately 5 seconds while the camera configures itself and captures an image.
8. The camera is now ready to be armed by the remote control, scheduler or the security system.

NOTE: If the power switch is turned off, the camera will lose the time & date and will revert to the default of (2000-01-01). The time & date in the settings file must then be reset using the setup program.

Using the camera

When the camera is not armed, the status LED will flash **green** for one second each time the motion sensor or external trigger are activated.

To arm the Standalone version, point the remote control at the camera unit and press the left button (**RED**). The camera's status LED will flash **red** fast for 5 seconds. The external siren and strobe will not be triggered during the first 30 seconds after an arm command. This allows the user to exit the room before the system is armed.

The Security System version is automatically armed by its security system.

When the camera is armed, the LED will flash **red** for one second each time the motion sensor or external trigger is activated. **Caution: Do not remove MMC while the camera is armed**!

To disarm the Standalone version, point the remote control at the camera unit and press the right button (**BLACK**). The camera's LED will flash **green** fast for 5 seconds, or until it is safe for the memory card to be removed.

The Security System version is automatically disarmed by your security system.

To capture an instant image, point the remote control at the camera unit and press the middle button (**BLUE**).

The camera's LED will stay **orange** for two seconds.

Memory Card Compatibility

The camera is designed to interface to a MultiMediaCard (MMC) with a FAT16 file system only, not SD cards! Although SD cards can operate in an MMC mode, they will not function properly with the camera.

Camera Terminal Block Description

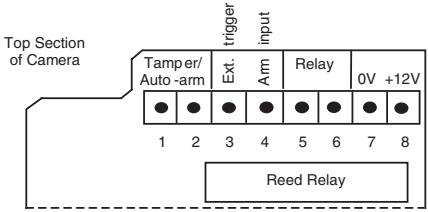
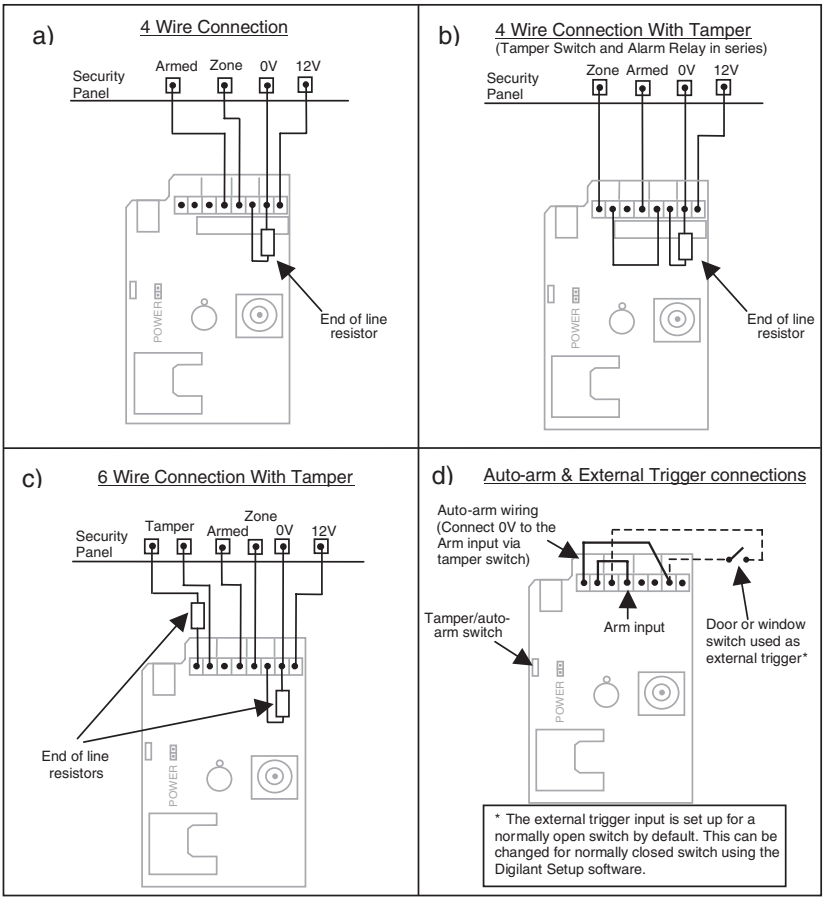


Figure 3

Figure 4: Security System Wiring Examples



NOTE: With most alarm systems the grounds can be joined as one common wire, enabling a 4 wire connection to the alarm panel. End of line resistors may be required by some security systems. Check the installation guide for your security system.

This product has been tested and complies with the Class A radiated and conducted EMI requirements of AS/NZS CISPR 22.

WARNING: This is a class A product. In a domestic environment, this product may cause radio interference in which case the user may be required to take adequate measures.

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